

**Fig. 1**



Fig. 3

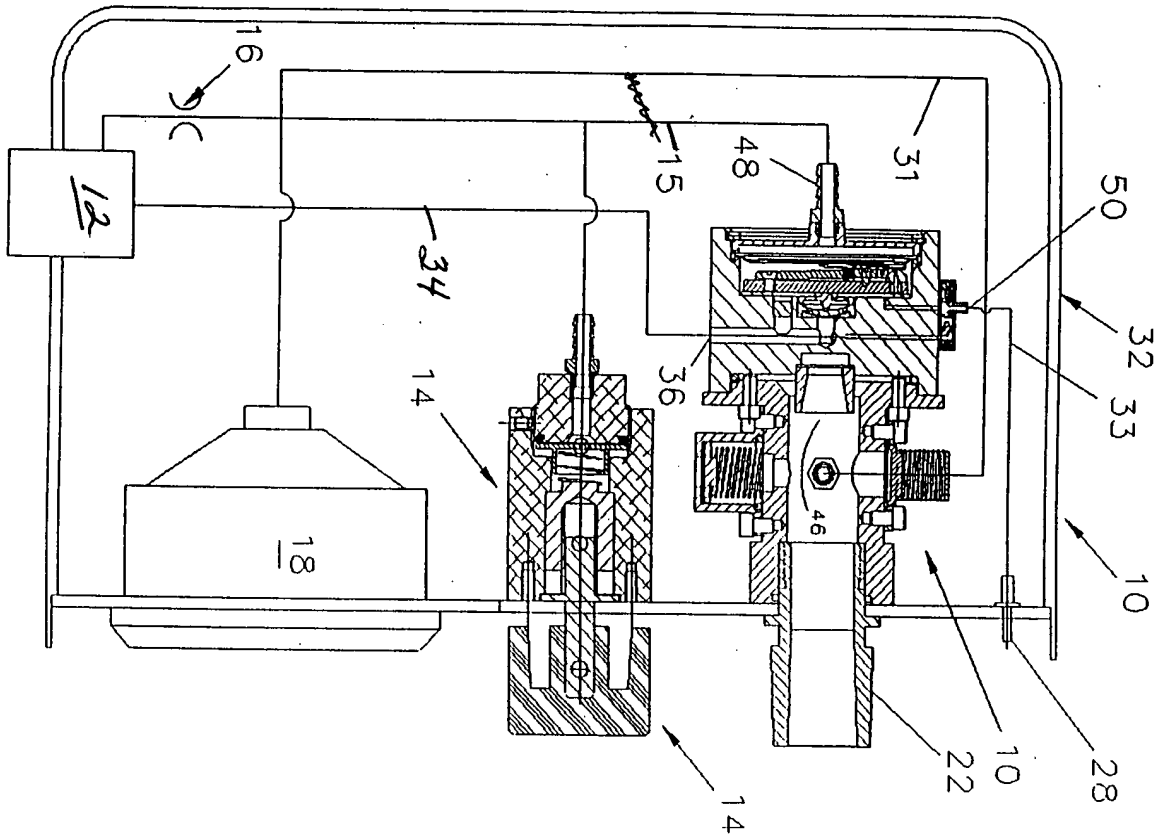
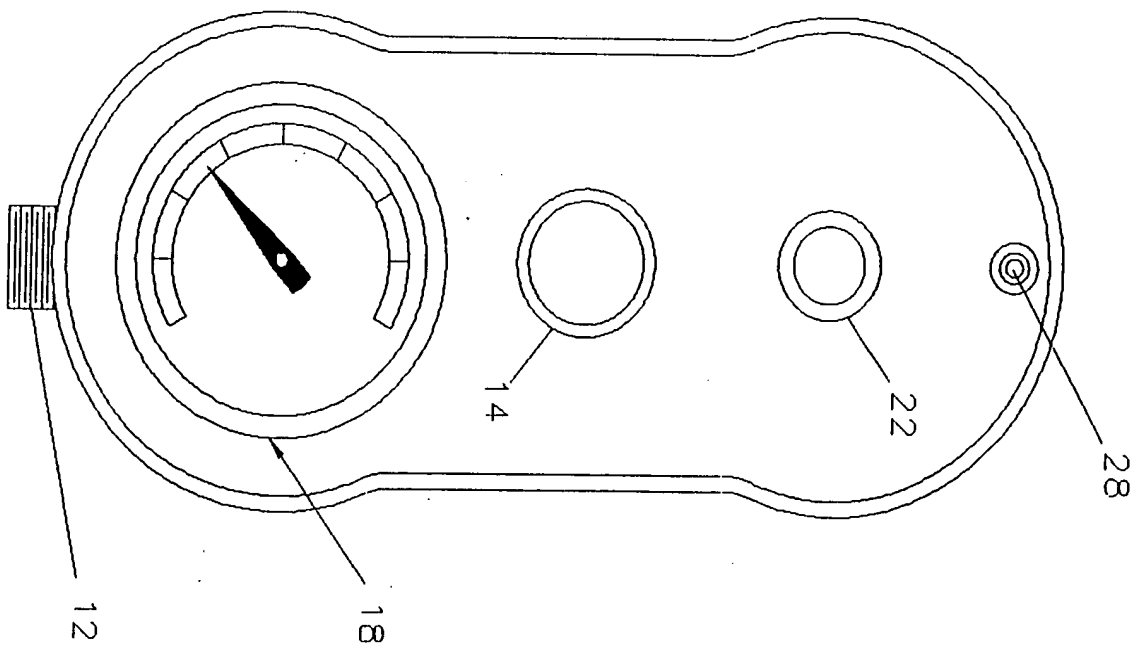


Fig. 2



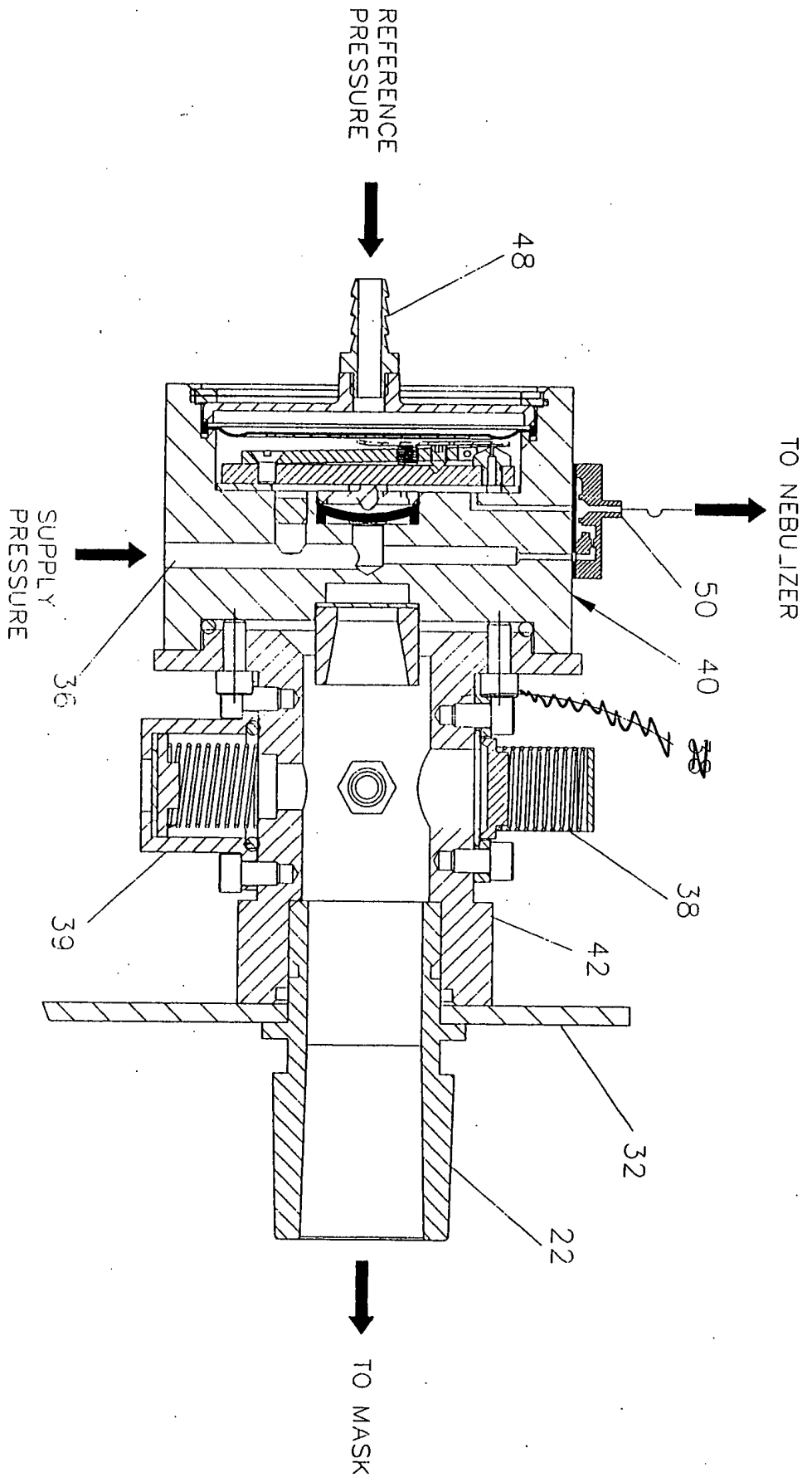


Fig. 4

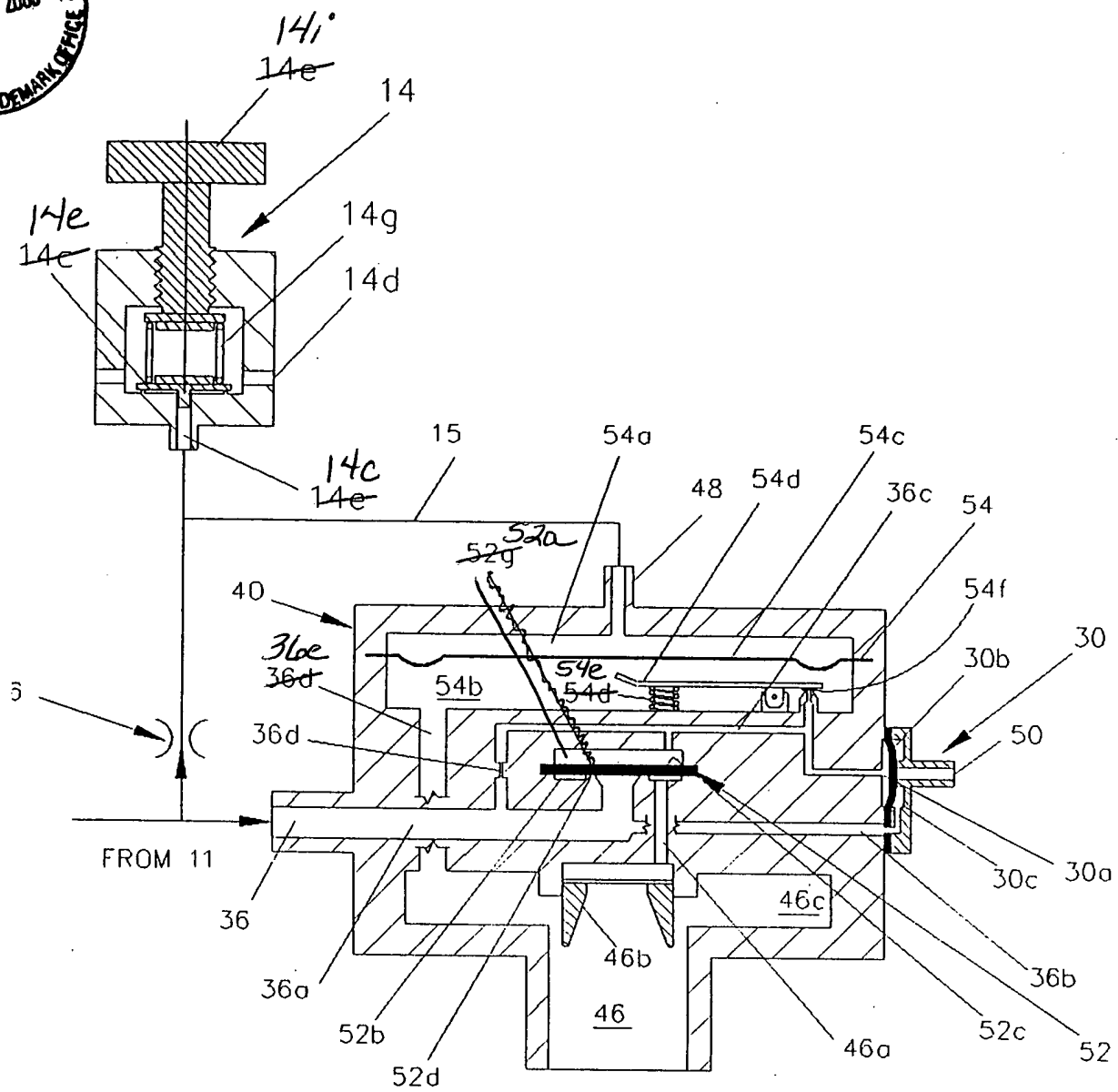
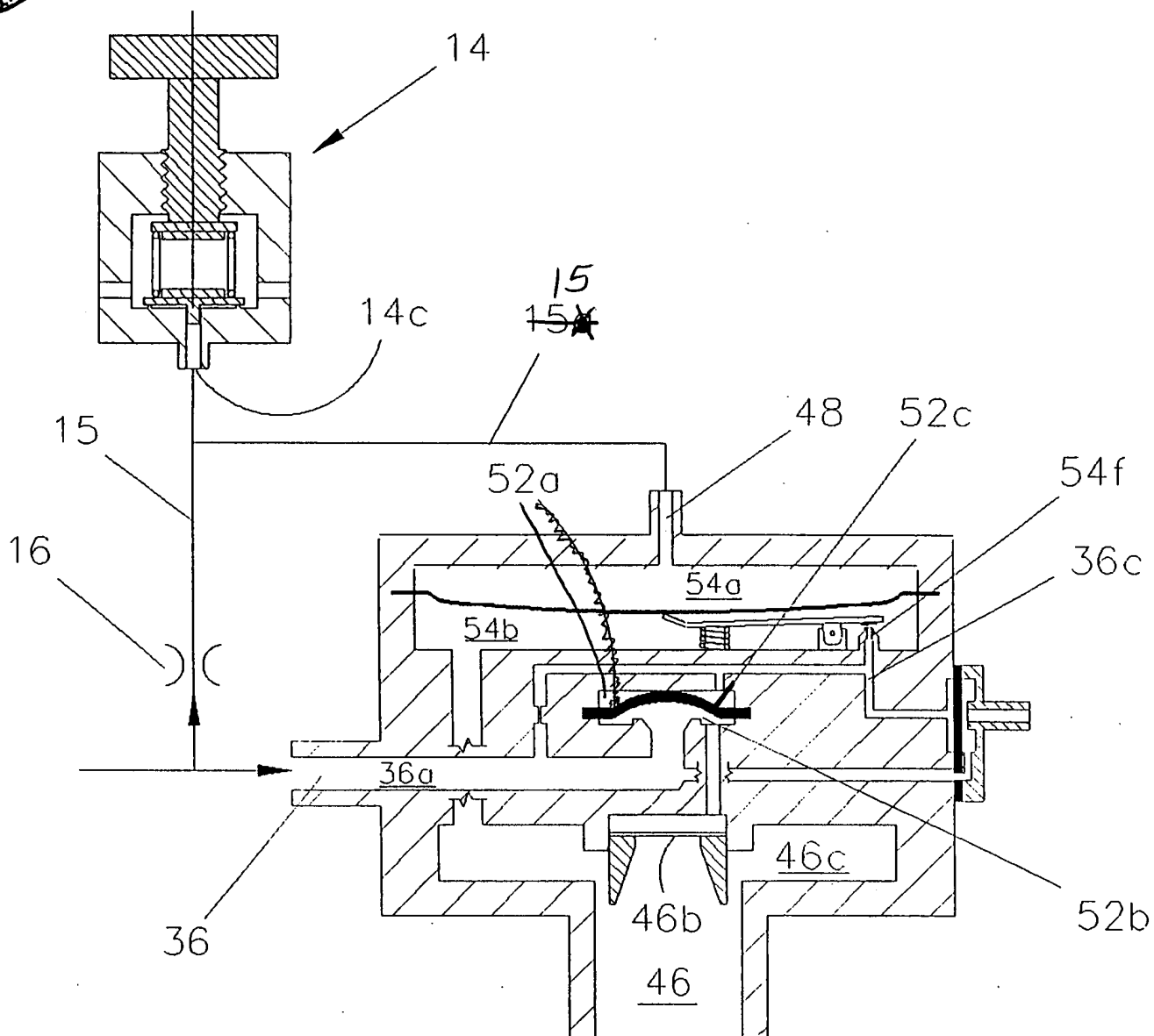


Fig. 7 (EXHALATION)



Fig, 8 (INHALATION)

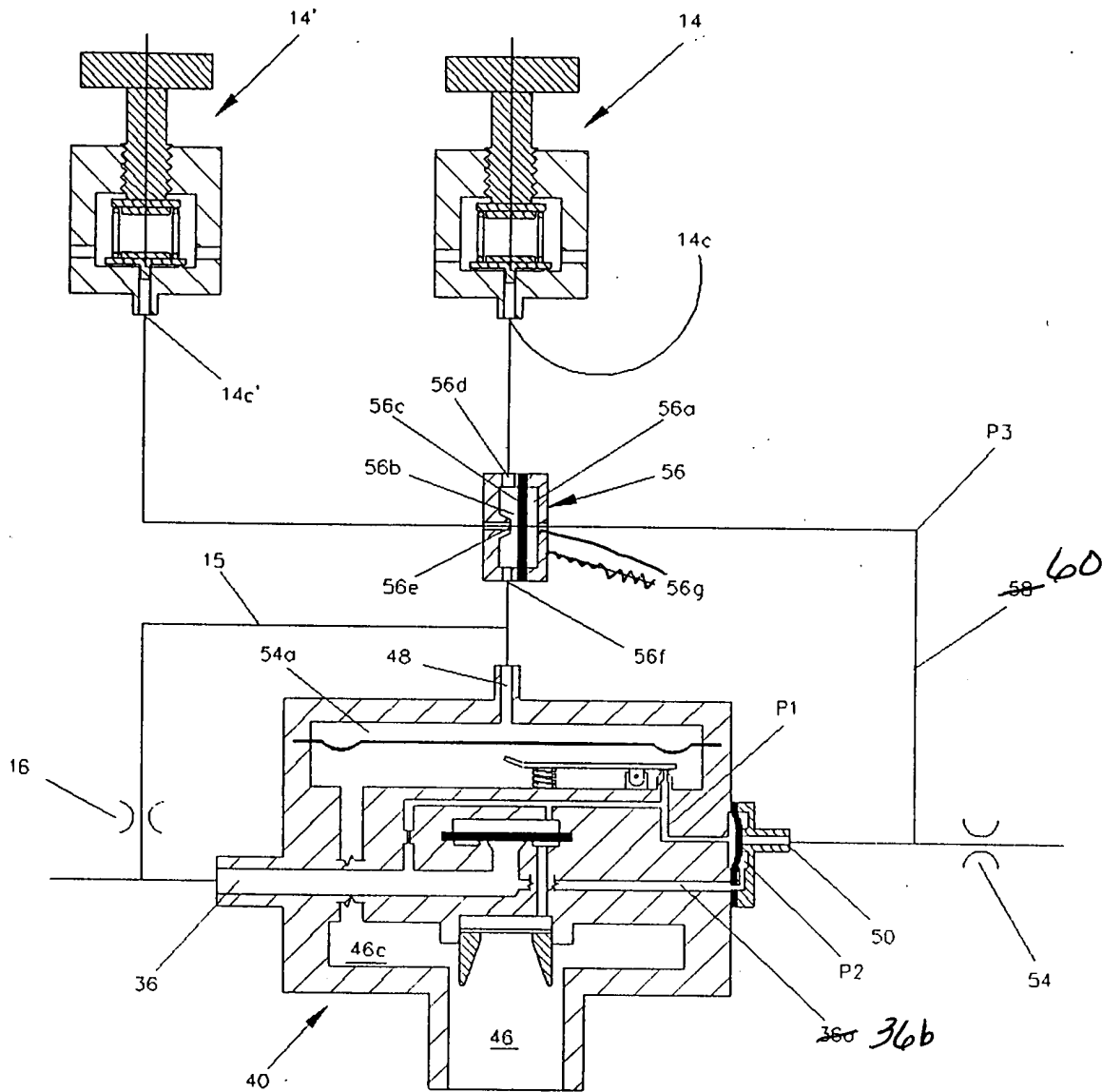


Fig. 13 - EXHALATION

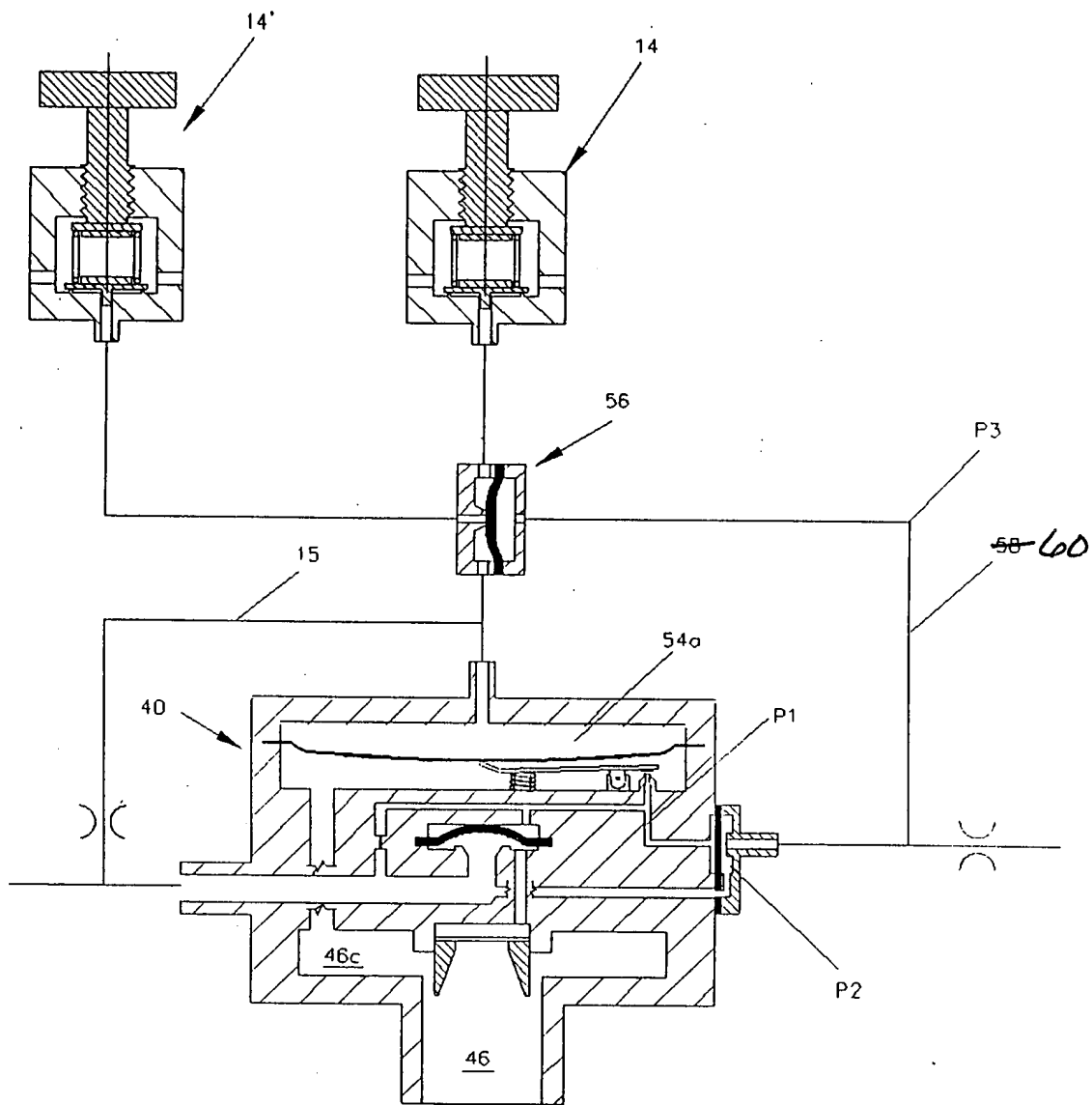


Fig. 14 - INHALATION

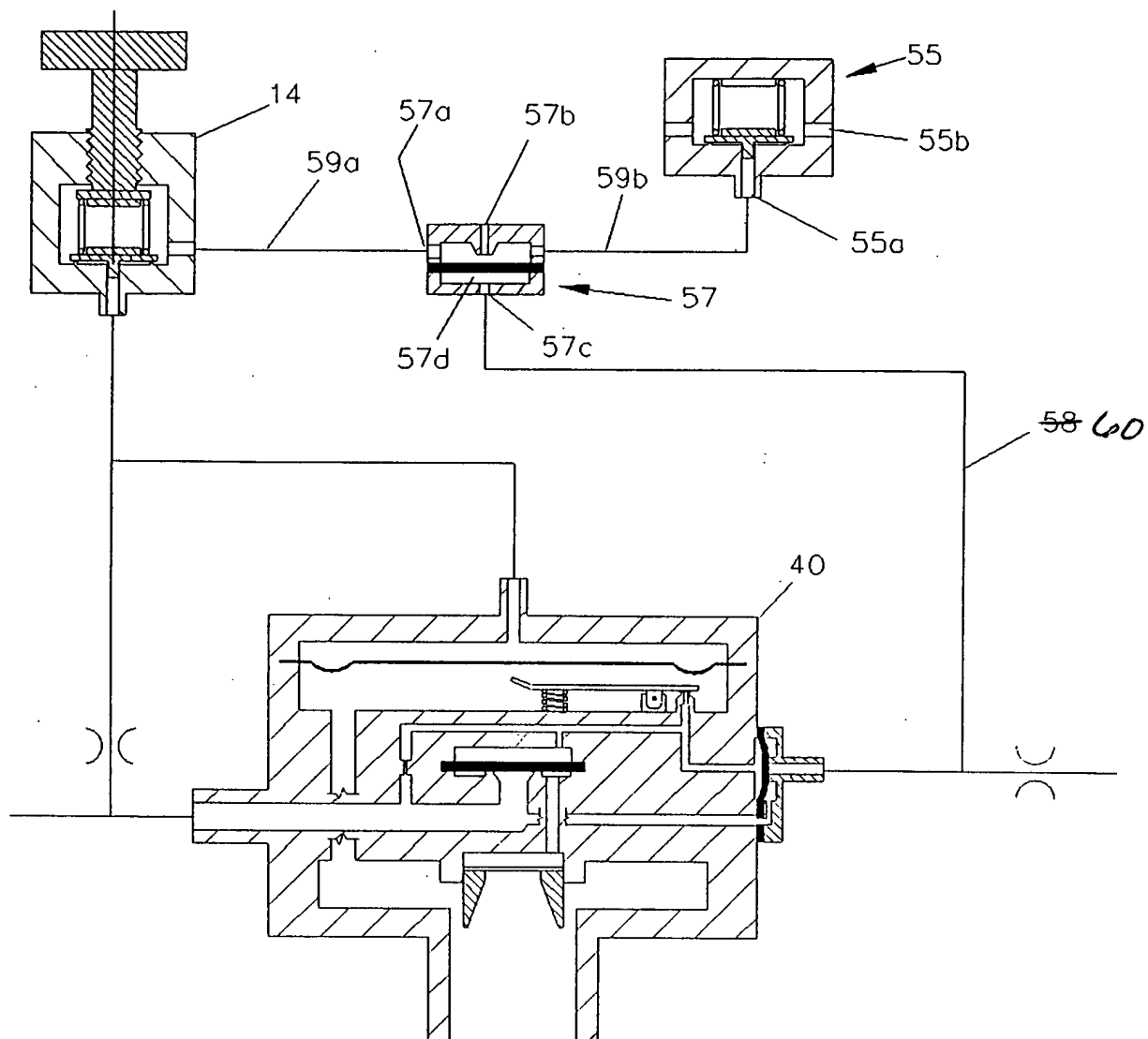


Fig. 15



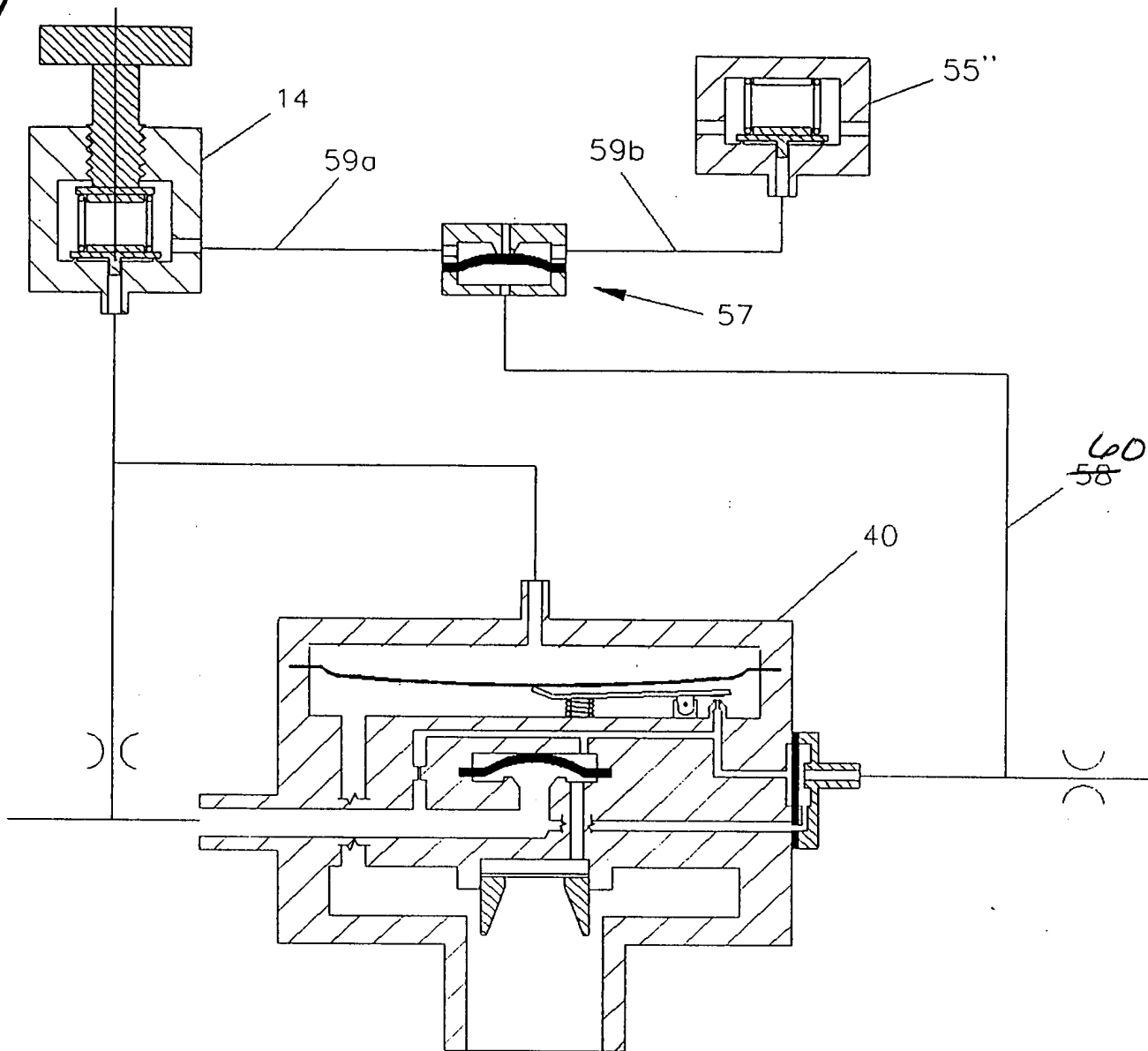
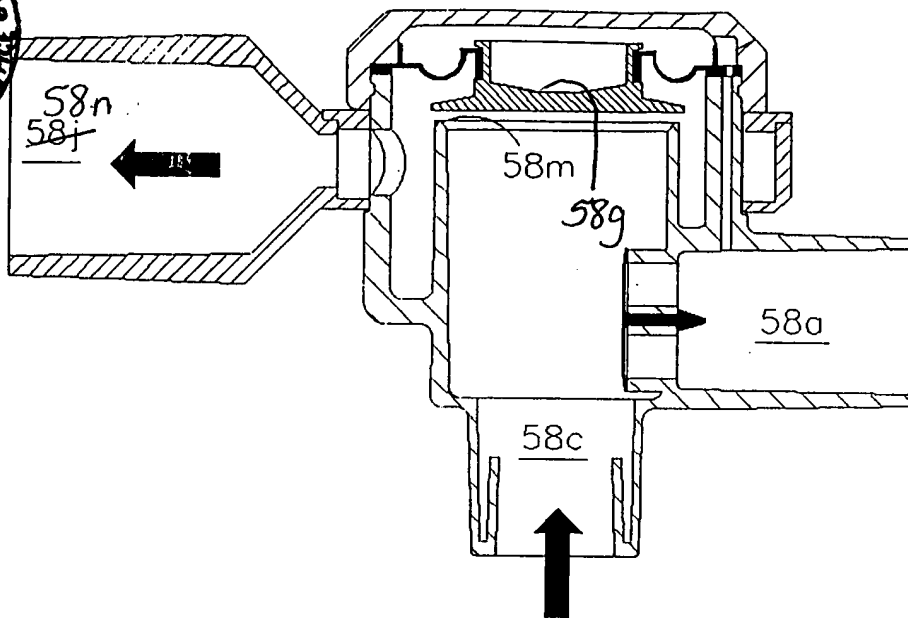
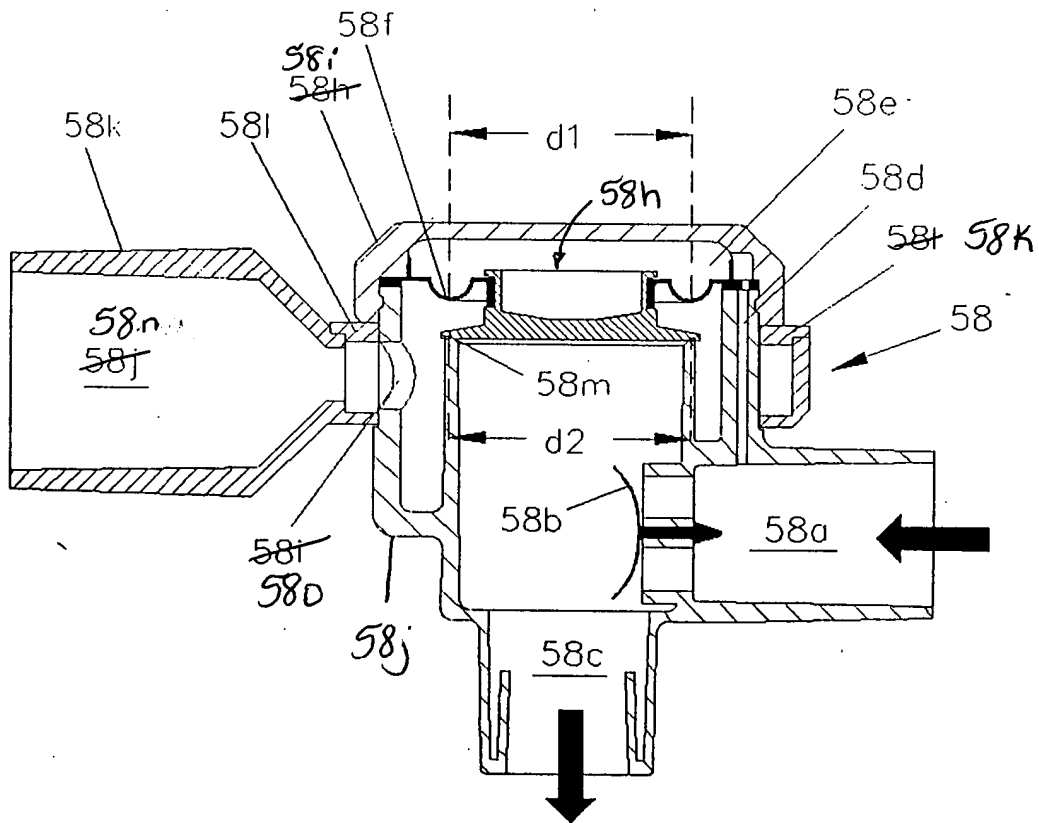


Fig. 16



**Fig. 17 EXHALATION**



**FIG. 18 INHALATION**